

Title (en)
Electrocatalyst for anode.

Title (de)
Elektrokatalysator für Anoden.

Title (fr)
Electrocatalyseur pour anode.

Publication
EP 0501930 A2 19920902 (EN)

Application
EP 92830072 A 19920220

Priority
JP 5040591 A 19910223

Abstract (en)
Disclosed is an electrocatalyst which comprises an inorganic and four-element alloy essentially consisting of 10 to 39 atomic percent of platinum, 30 to 5 atomic percent of nickel, 30 to 5 atomic percent of cobalt and 30 to 3 atomic percent of manganese supported on the inorganic support. The electrocatalyst possesses excellent anti-poisoning against carbon monoxide.

IPC 1-7
B01J 23/89; **H01M 4/92**

IPC 8 full level
H01M 4/90 (2006.01); **B01J 23/89** (2006.01); **H01M 4/92** (2006.01); **H01M 4/86** (2006.01)

CPC (source: EP US)
B01J 23/8986 (2013.01 - EP US); **H01M 4/92** (2013.01 - EP US); **H01M 4/925** (2013.01 - EP US); **H01M 4/926** (2013.01 - EP US);
H01M 2004/8684 (2013.01 - EP US); **H01M 2300/0008** (2013.01 - EP US); **H01M 2300/0082** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Cited by
US6916764B2; CN100372160C; DE19756880A1; US6066410A; US7635533B2; US8021798B2; WO03073541A1; WO03073542A3

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0501930 A2 19920902; **EP 0501930 A3 19930728**; **EP 0501930 B1 19960207**; DE 69208115 D1 19960321; DE 69208115 T2 19960912;
JP H05208135 A 19930820; US 5225391 A 19930706

DOCDB simple family (application)
EP 92830072 A 19920220; DE 69208115 T 19920220; JP 5040591 A 19910223; US 84008392 A 19920224